

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000948

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A63B 69/00; G07C 1/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC A63B, G07C 1/-, and keywords: (sport, athlete, game, rugby, stimulus, response, offensive, defensive, evaluate, training, exercise) and similar words.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1988/005323 A1 (PHILIPP) 28 July 1988 The Entire Document	1 - 33
X	EP 0213533 A2 (INNOVATIVE TRAINING PRODUCTS, INC.) 11 March 1987 The Entire Document	1 - 33
X	EP 0562196 A1 (INNOVATIVE TRAINING PRODUCTS, INC.) 29 September 1993 The Entire Document	1 - 33
X	US 6251048 B1 (KAUFMAN) 26 June 2001 The Entire Document	1 - 33
X	WO 2001/064099 A1 (TECHNOGYM S.R.L.) 7 September 2001 The Entire Document	1 - 33

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 18 August 2004	Date of mailing of the international search report 26 AUG 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer AMOD PRADHAN Telephone No : (02) 6283 2510

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1992/021106 A1 (DAWSON RONALD GERRY) 26 November 1992 The Entire Document	1 - 33
A	Derwent Abstract Accession No. 2003-378811/36, Class P36;W04 RU 2201783 C2 (ZHDANOV) 10 April 2003 See Abstract & Drawings	34 - 58
A	WO 1995/008816 A1 (DAVER) 30 March 1995 The Entire Document	34 - 58
A	WO 2002/041954 A1 (EUBA ZUNIGA et al.) 30 May 2002 The Entire Document	34 - 58
A	US 5882204 A (IANNAZO et al.) 16 March 1999 The Entire Document	34 - 58
A	WO 2003/0033082 A1 (BIRCHILL LIMITED) 24 April 2003 The Entire Document	34 - 58

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Box No. II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

SEE EXTRA SHEET

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

Claims 1 – 33 define a method and system of sports training and testing at least one athlete including a control unit adapted to implement a predetermined protocol, a plurality of remote units for providing a series of stimuli for said at least one athlete in accordance with the said protocol, at least one sensor unit for providing feedback information associated with said at least one athlete's response to the stimuli to said control unit and a communications network providing communications between the control unit and the plurality of remote units including said at least one sensor.

Claims 34 – 58 define a competitive sporting activity and a method of undertaking physical activity for exercise or competitive purposes including a playing area, said area being defined by a plurality of remote units, said remote units providing a set of stimuli, a plurality of athletes wherein each of the plurality of athletes is assigned the role of either a defensive or an offensive player, a game object for propulsion by the offensive players, randomly generating a stimuli at a selected remote unit within the playing area assigned to the offensive players, to which the offensive players must move the game object, said defensive players then being required to react to movements of said offensive players in order to prevent said game object reaching the selected remote unit.

These groups are not so linked as to form a single general inventive concept, that is, they do not have common inventive features, which define a contribution over the prior art. The only common concept linking these groups of claims together is a 'plurality of remote units for providing a series of stimuli'. However this concept is not novel in the light of EP 0213533 and WO 1988/05323. Therefore these claims lack unity a posteriori.

However, since all these inventions share the same classification under the IPC, they could be searched without any significant additional effort which would warrant an additional fee. Therefore, all the inventions have been searched without any extra charge.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	1988/05323		NONE				
EP	0213533	AU	68648/87	BR	8700669	CA	1260579
		EP	0253920	JP	62097572	US	4702475
		US	4834375	WO	1989/03710		
EP	0562196	AU	31816/93	CA	2088834	JP	6007479
US	6251048		NONE				
WO	2001/64099	AU	42665/01	IT	BO20000106		
WO	1992/21106	AU	17699/92	CA	2109413	EP	0587622
RU	2201783		NONE				
WO	1995/08816	EP	0693206	FR	2710434		
WO	2002/41954		NONE				
US	5882204		NONE				
WO	2003/033082	EP	1436049	GB	2380948		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							